



S/N 10/646,336

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Kathryn E. Uhrich	Examiner:	Blessing Fubara
Serial No.:	10/646,336	Group Art Unit:	1615
Filed:	August 22, 2003	Docket:	1435.021US2
Title:	THERAPEUTIC POLYANHYDRIDE COMPOUNDS FOR DRUG DELIVERY		

INFORMATION DISCLOSURE STATEMENT

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In compliance with the duty imposed by 37 C.F.R. § 1.56, and in accordance with 37 C.F.R. §§ 1.97 *et. seq.*, the enclosed materials are brought to the attention of the Examiner for consideration in connection with the above-identified patent application. Applicant respectfully requests that this Information Disclosure Statement be entered and the documents listed on the attached Form 1449 be considered by the Examiner and made of record. Pursuant to the provisions of MPEP 609, Applicant requests that a copy of the 1449 form, initialed as being considered by the Examiner, be returned to the Applicant with the next official communication.

Pursuant to 37 C.F.R. §1.97(b), it is believed that no fee or statement is required with the Information Disclosure Statement. However, if an Office Action on the merits has been mailed, the Commissioner is hereby authorized to charge the required fees to Deposit Account No. 19-0743 in order to have this Information Disclosure Statement considered.

Pursuant to 37 C.F.R. §1.98(d), 85 copies of the 135 listed documents are not provided as these references were previously cited by or submitted to the U.S. Patent Office in connection with Applicant's prior U.S. application, Serial No. 09/917,231, filed on July 27, 2001, which is relied upon for an earlier filing date under 35 U.S.C. §120.

INFORMATION DISCLOSURE STATEMENT

Serial No :10 646,336

Filing Date: August 22, 2003

Title: THERAPEUTIC POLYANHYDRIDE COMPOUNDS FOR DRUG DELIVERY



Page 2
Dkt: 1435.021US2

The Examiner is invited to contact the Applicant's Representative at the below-listed telephone number if there are any questions regarding this communication.

Pursuant to 37 C.F.R. 1.98(a)(2), Applicant believes that copies of cited U.S. Patents and Published Applications are no longer required to be provided to the Office. Notification of this change was provided in the United States Patent and Trademark Office OG Notices dated October 12, 2004. Thus, Applicant has not included copies of any US Patents or Published Applications cited with this submission. Should the Office require copies to be provided, Applicant respectfully requests that notice of such requirement be directed to Applicant's below-signed representative.

Respectfully submitted,
KATHRYN E. UHRICH

By his Representatives,
SCHWEGMAN, LUNDBERG, WOESSNER & KLUTH, P.A.
P.O. Box 2938
Minneapolis, MN 55402
(612) 359-3265

Date Jan. 27, 2005

By Monique M. Perdok Shonka
Monique M. Perdok Shonka
Reg. No. 42,989

CERTIFICATE UNDER 37 CFR 1.8: The undersigned hereby certifies that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail, in an envelope addressed to: MS Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 21 day of January, 2005.

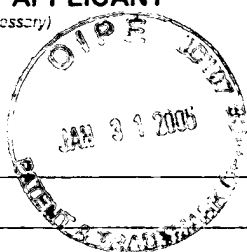
Nicole Max
Name

[Signature]
Signature

Substitute for form 1449A-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)



Complete if Known

Application Number	10/646,336
Filing Date	August 22, 2003
First Named Inventor	Uhrich, Kathryn
Group Art Unit	1615
Examiner Name	Fubara, Blessing

Sheet 1 of 7

Attorney Docket No: 1435.021US2

US PATENT DOCUMENTS

Examiner Initial *	USP Document Number	Publication Date	Name of Patentee or Applicant of cited Document	Filing Date If Appropriate
	US-2003/0035787A1	02/20/2003	Uhrich, Kathryn E.	09/24/2002
	US-2004/0038948A1	02/26/2004	Uhrich, Kathryn E.	02/18/2003
	US-2004/0044125A1	03/04/2004	Uhrich, Kathryn E.	08/25/2003
	US-2004/0096476A1	05/20/2004	Uhrich, Kathryn E., et al.	07/17/2003
	US-4,062,855	12/13/1977	Allan, G. G., et al.	09/27/1971
	US-4,126,445	11/21/1978	Allan, G. G., et al.	05/10/1976
	US-4,298,595	11/03/1981	Parkinson, Thomas M., et al.	11/29/1979
	US-4,375,968	03/08/1983	Manhart, Mark J.	07/10/1981
	US-4,414,203	11/08/1983	Cabardo Jr., Alberto M.	04/16/1981
	US-4,612,302	09/16/1986	Szabo, Sandor , et al.	11/14/1983
	US-4,684,620	08/04/1987	Hruby, Victor J., et al.	09/04/1984
	US-4,757,128	07/12/1988	Domb, Abraham J., et al.	08/01/1986
	US-4,792,598	12/20/1988	Ziegast, Gerd	09/29/1986
	US-4,857,311	08/15/1989	Domb, Abraham J., et al.	07/31/1987
	US-4,868,274	09/19/1989	Gupta, Balaram , et al.	05/23/1988
	US-4,886,870	12/12/1989	D'Amore, Patricia , et al.	02/15/1985
	US-4,888,176	12/19/1989	Langer, Robert S., et al.	06/12/1987
	US-4,891,225	01/02/1990	Langer, Robert S., et al.	01/21/1986
	US-4,906,474	03/06/1990	Langer, Robert S., et al.	05/21/1984
	US-4,916,204	04/10/1990	Domb, Abraham J., et al.	07/31/1987
	US-4,938,949	07/03/1990	Borch, Richard F., et al.	09/12/1988
	US-4,997,904	03/05/1991	Domb, Abraham J.	08/25/1989
	US-4,999,417	03/12/1991	Domb, Abraham J.	03/30/1989
	US-5,082,925	01/21/1992	Shalaby, Shalaby W., et al.	08/16/1990
	US-5,175,235	12/29/1992	Domb, Abraham J., et al.	06/04/1990
	US-5,259,968	11/09/1993	Emert, Jacob , et al.	10/14/1992
	US-5,264,540	11/23/1993	Cooper, Kevin , et al.	07/20/1992
	US-5,317,079	05/31/1994	Domb, Abraham J., et al.	09/18/1992
	US-5,364,725	11/15/1994	Wilson, John C., et al.	03/15/1993
	US-5,498,729	03/12/1996	Domb, Abraham J.	02/22/1993
	US-5,514,764	05/07/1996	Fretchet, Jean M., et al.	01/01/1995
	US-5,518,730	05/21/1996	Fuisz, Richard C.	06/03/1992
	US-5,545,409	08/13/1996	Laurencin, Cato T., et al.	04/05/1994
	US-5,629,009	05/13/1997	Laurencin, Cato T., et al.	08/07/1996
	US-5,660,851	08/26/1997	Domb, A. J.	06/05/1995
	US-5,798,115	08/25/1998	Santerre, Paul J., et al.	02/13/1997
	US-5,837,278	11/17/1998	Geistlich, Peter , et al.	01/04/1995
	US-5,889,028	03/30/1999	Sandborn, William	08/07/1997
	US-5,891,477	04/06/1999	Lanza, Robert P., et al.	03/28/1997
	US-5,902,110	05/11/1999	Alfano, Michael C., et al.	11/03/1997

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitution Form 1449A PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)

Complete if Known

Application Number	10/646,336
Filing Date	August 22, 2003
First Named Inventor	Uhrich, Kathryn
Group Art Unit	1615
Examiner Name	Fubara, Blessing

Sheet 2 of 7

Attorney Docket No: 1435.021US2

US-5,902,599	05/11/1999	Anseth, Kristi S., et al.	02/20/1996
US-5,942,252	08/24/1999	Tice, Thomas R., et al.	06/06/1995
US-6,071,530	06/06/2000	Polson, Alan M., et al.	06/26/1997
US-6,153,212	11/28/2000	Mao, Hai-quan , et al.	10/02/1998
US-6,468,519	10/22/2002	Uhrich, Kathryn E.	10/21/1999
US-6,486,214	11/26/2002	Uhrich, Kathryn E.	07/27/2000
US-6,602,915	08/05/2003	Uhrich, K. E.	07/27/2004
US-6,613,807	09/02/2003	Uhrich, K. E.	07/27/2001
US-6,685,928	02/03/2004	Uhrich, K. E., et al.	12/07/2000
US-6,689,350	02/10/2004	Uhrich, K. E.	07/27/2001

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Foreign Document No	Publication Date	Name of Patentee or Applicant of cited Document	T ²
	AU-750424	03/06/2003	Uhrich, K.	
	CA-2393676	07/06/2002	Uhrich, Kathryn , et al.	
	DD-0288387	03/28/1991	Pinther, Peter , et al.	
	DD-288311	03/28/1991	Schulz, Volker , et al.	
	EP-0246341	11/25/1987	D'Amore, Patricia , et al.	
	EP-0498283	08/12/1992	White, Dwain M., et al.	
	JP-60255797 A	12/17/1985	Shibazaki, Masakatsu , et al.	
	NL-9000237	08/16/1991	Enno, Franciscus H.	
	WO-01/28492	04/26/2001	Uhrich, Kathryn E.	
	WO-0141753A2	06/14/2001	Uhrich, Kathryn	
	WO-02/09767	02/07/2002	Uhrich, Kathryn E., et al.	
	WO-02/09768	02/07/2002	Uhrich, Kathryn E.	
	WO-02/09769	02/07/2002	Uhrich, Kathryn E.	
	WO-90/09779	09/07/1990	Benhuri, Marc N.	
	WO-91/09831	07/11/1991	Domb, Abraham J.	
	WO-97/39738	10/30/1997	Ignatious, Francis , et al.	
	WO-98/36013	08/20/1998	Kohn, Joachim B., et al.	
	WO-99/12990	03/18/1999	Uhrich, Kathryn	
	WO-99/29885	06/17/1999	Koch, Rainhard , et al.	
	WO-97/49385	12/31/1997	Santos, Camilla A., et al.	

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ANASTASIOU, THEODORE J., "Novel Polyanhydrides with Enhanced Thermal and Solubility Properties", <u>Macromolecules</u> , 33(17), (2000),6217-6221	
		ANASTASIOU, THEODORE J., "Novel, Degradable Polyanhydrides", <u>25th Annual Meeting Transactions of the Society for Biomaterials</u> , Abstract,(1999),79	

EXAMINER

DATE CONSIDERED

Substitute form 1449A PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (Use as many sheets as necessary)

Approved for use through 10-31-2003. Copyright © 2003 by the United States Patent and Trademark Office. All rights reserved. Printed in the United States of America. Under the Paperwork Reduction Act of 1995 no portion may be reproduced without permission from the United States Patent and Trademark Office.

Complete if Known

Application Number	10/646,336
Filing Date	August 22, 2003
First Named Inventor	Uhrich, Kathryn
Group Art Unit	1615
Examiner Name	Fubara, Blessing

Sheet 3 of 7

Attorney Docket No: 1435.021US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ANASTASIOU, THEODORE J., "Synthesis of Novel, Degradable Polyanhydrides Containing Para-Aminosalicylic Acid as Drug Delivery Devices for Tuberculosis Treatment", <u>Polymer Preprints</u> , 41(2), (August 2000),1366-1367	
		ATTAWIA, MOHAMED A., "Biocompatibility Testing of Poly(anhydride-co-imides) Containing Pyromellitylimidoalanine", <u>The 21st Annual Meeting of the Society for Biomaterials</u> , Abstract,(April 5-9, 1994),222	
		ATTAWIA, MOHAMED A., "Cytotoxicity testing of poly(anhydride-co-imides) for orthopedic applications", <u>Journal of Biomedical Materials Research</u> , 29(10), (1995),1233-1240	
		ATTAWIA, MOHAMED A., "In vitro bone biocompatibility of poly (anhydride-co-imides) containing pyromellitylimidoalanine", <u>Journal of Orthopedic Research</u> , 14(3), (1996),445-454	
		ATTAWIA, MOHAMED A., "Proliferation, Morphology, and Protein Expression by Osteoblasts Cultured on Poly(anhydride-co-amides)", <u>Journal of Biomedical Materials Research</u> , 48(3), (1999),322-327	
		ATTAWIA, MOHAMED A., "Regional drug delivery with radiation for the treatment of Ewing's sarcoma -- In vitro development of a taxol release system", <u>Journal of Controlled Release</u> , 71(2), (2001),193-202	
		ATTAWIA, MOHAMED A., "The Long Term Osteoblast Response to Poly(anhydride-co-imides): A New Degradable Polymer for Use in Bone", <u>Proceedings of the Fifth World Biomaterials Congress</u> , Toronto, Canada, (1996),113	
		BEATON, MICHAEL L., "Synthesis of a novel poly(anhydride-ester)", <u>The Rutgers Scholar - An Electronic Bulletin of Undergraduate Research</u> , Volume 3, http://www.scils.rutgers.edu/~weyang/ejournal/volume03/beatuhri/beatuhri.htm , (2001),1-7	
		BEDELL, CHRISTI , "Processing and Hydrolytic Degradation of Aromatic, Ortho-Substituted Polyanhydrides", <u>Journal of Applied Polymer Science</u> , 80, (2001),32-38	
		BROWN, JOSEPH P., "A Polymeric Drug for Treatment of Inflammatory Bowel Disease", <u>Journal of Medicinal Chemistry</u> , 26(9), (1983),1300-1307	
		CAMPO, CHERYL J., "Polyanhydrides: the effects of ring substitution changes on polymer properties", <u>Polymer Bulletin</u> , 42, (1999),61-68	
		CHAFI, N. , "Dosage Form with Salicylic Acid Attached to the Polyanhydride Polymer Dispersed in an Eudragit Matrix", <u>International Journal of Pharmaceutics</u> , 52, (1989),203-211	
		CHATTERJEE, RANJIT , "Mechanism for the Increase in Solubility of Deoxyhemoglobin S Due to Cross-Linking the beta Chains between Lysine-82beta1 and Lysine-82beta2", <u>Biochemistry</u> , 21(23), (1982),5901-5909	
		CONIX, ANDRE , "Aromatic Polyanhydrides, a New Class of High Melting Fiber-Forming Polymers", <u>Journal of Polymer Science</u> , XXIX, (1958),343-353	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial of reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached

Substitute for form 1449A-PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**
 (use as many sheets as necessary)

Complete if Known

Application Number	10/646,336
Filing Date	August 22, 2003
First Named Inventor	Uhrich, Kathryn
Group Art Unit	1615
Examiner Name	Fubara, Blessing

Sheet 4 of 7

Attorney Docket No: 1435.021US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		CONIX, ANDRE , "New High-Melting Fibre-Forming Polymers", <u>Die Makromolekulare Chemie</u> , XXIV, (1957),76-78	
		CONIX, ANDRE , "Poly [1,3-bis (p carboxyphenoxy) - Propane anhydride]", <u>Macromolecular Synthesis</u> , 2, (1996),95-99	
		COTLIER, E. , "Distribution of salicylate in lens and intraocular fluids and its effect on cataract formation", <u>American Journal of Medicine</u> , 74(6A), (June 1983),83-90	
		COTLIER, E. , "Senile Cataracts: Evidence for Acceleration by Diabetes and Deceleration by Salicylate", <u>Canadian Journal of Ophthalmology</u> , 16(3), (July 1981),113-118	
		DAVARAN, SOODABEH , "Release of 5-amino Salicylic Acid from Acrylic Type Polymeric Prodrugs Designed for Colon-specific Drug Delivery", <u>Journal of Controlled Release</u> , 58(3), (1999),279-287	
		DAVIES, M. C., et al., "The Analysis of the Surface Chemical Structure of Biomedical Aliphatic Polyanhydrides Using XPS and TOF-SIMS", <u>Journal of Applied Polymer Science</u> , 42 (6), John Wiley and Sons Inc. New York, US,(Mar 20, 1991),1597-1605	
		DOMB, A J., "Polyanhydrides. I. Preparation of High Molecular Weight Polyanhydrides", <u>Journal of Polymer Science: Part A: Polymer Chemistry</u> , Vol. 25, (1987),pgs. 3373-3386	
		DOMB, ABRAHAM J., "Synthesis and Characterization of Biodegradable Aromatic Anhydride Copolymers", <u>Macromolecules</u> , 25, (1992),12-17	
		DUKOVIC, GORDANA , "Novel degradable poly(anhydride-esters) for controlled drug release", <u>The Rutgers Scholar - An Electronic Bulletin of Undergraduate Research</u> , 1, http://www.scils.rutgers.edu/~weyang/ejournal/volume01/uhriduko/uhriduko.htm ,(1999),1-10	
		ERDMANN, LAURA , "Chapter 5: Polymeric Prodrugs: Novel Polymers with Bioactive Components", In: <u>Tailored Polymeric Materials for Controlled Delivery Systems</u> , I. McCulloch, et al., (Editors), ACS Symposium Series 709, American Chemical Society: Washington, D.C.,(1998),83-91	
		ERDMANN, LAURA , "Degradable poly(anhydride ester) implants: effects of localized salicylic acid release on bone", <u>Biomaterials</u> , 21(24), (2000),2507-2512	
		ERDMANN, LAURA , et al., "Polymer Prodrugs with Pharmaceutically Active Degradation Products", <u>Polymer Preprints</u> , 38(2), (1997),570-571	
		ERDMANN, LAURA , "Polymeric Prodrugs: Novel Polymers for Delivery of Salicylic Acid", <u>Annals of Biomedical Engineering</u> , 26 (Suppl. 1), Abstract No. PB.26, Annual Fall Meeting,(1998),S-124	
		ERDMANN, LAURA , "Polymeric Salicylic Acid: In Vitro and In Vivo Degradation", <u>Polymer Preprints</u> , 39(2), (1998),224-225	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English Language Translation is attached

Substitute for form 1449A PTO
**INFORMATION DISCLOSURE
 STATEMENT BY APPLICANT**

(Use as many sheets as necessary.)

Complete if Known

Application Number	10/646,336
Filing Date	August 22, 2003
First Named Inventor	Uhrich, Kathryn
Group Art Unit	1615
Examiner Name	Fubara, Blessing

Sheet 5 of 7

Attorney Docket No: 1435.021US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		ERDMANN, LAURA , "Synthesis and Characterization of a Polymeric Prodrug", <u>Proceedings of the American Chemical Society Division of Polymeric Materials: Science and Engineering</u> , 78, Abstract of Spring Meeting, Dallas, TX, (1998), 194	
		ERDMANN, LAURA , "Synthesis and degradation characteristics of salicylic acid-derived poly(anhydride-esters)", <u>Biomaterials</u> , 21(19), (October 2000), 1941-1946	
		GIAMMONA, G. , "Polymeric Prodrugs Alpha Beta Poly-N-hydroxyethyl-DL-aspartamide as a Macromolecular Carrier for Some Non-Steroidal Anti-inflammatory Agents", <u>International Journal of Pharmaceutics</u> , 57, (1989), 55-62	
		GOUIN, S. , et al., "New Polyanhydrides Made from a Bile Acid Dimer and Sebacic Acid: Synthesis, Characterization and Degradation", <u>Macromolecules</u> , 33, (2000), 5379-5383	
		IBIM, S. , "Controlled Release Based on Poly(anhydride-co-imides)", <u>Proc. Intern. Symp. Control. Rel. Bioact. Mater.</u> , 22, (1995), 2 pgs.	
		IBIM, S M., "Poly(anhydride-co-imides): In Vivo Biocompatibility in a rat model", <u>Biomaterials</u> , 19(10), (1998), 941-951	
		IBIM, S E., "Preliminary in vivo report on the osteocompatibility of poly(anhydride-co-imides) evaluated in a tibial model.", <u>Journal of Biomedical Material Research</u> , 43(4), (Winter 1998), 374-379	
		JEFFCOAT, M. K., "The Effect of Systemic Flurbiprofen on Bone Supporting Dental Implants", <u>Journal of American Dental Association</u> , 126, (March 1995), 305-311	
		JIANG, H. L., "Synthesis, Characterization and In Vitro Degradation of a New Family of Alternate Poly(ester-anhydrides) Based on Aliphatic and Aromatic Diacids", <u>Biomaterials</u> , 22(3), (2001), 211-218	
		KROGH-JESPERSEN, E , "Synthesis of a Novel Aromatic Polyanhydride Containing Aminosalicyclic Acid", <u>Polymer Preprints</u> , 41(1), (2000), 1048-1049	
		LANGER, ROBERT , "New Methods of Drug Delivery", <u>Science</u> , 249(4976), (September 1990), 1527-1533	
		LAURENCIN, C T., "Poly(anhydrides-co-imides): In Vivo Biocompatibility Study", <u>23rd Annual Meeting of the Society for Biomaterials</u> , New Orleans, LA, (1997), 483	
		LAURENCIN, C T., "The Biocompatibility of Poly(anhydride-co-imides): High Strength Polymers for Controlled Drug Delivery", <u>Proc. 24th Int'l Symp. Control. Rel. Bioact. Mater.</u> , (1997), 973-974	
		LAURENCIN, C T., "The Bone Biocompatibility of Poly(anhydride-co-imides) - A new generation degradable Polymer for Orthopedic Applications", <u>41st Annual Meeting of the Orthopedic Research Society</u> , Orlando, FL, (1995), 143-24	
		LAURENCIN, C T., "The Controlled Delivery of Radiosensitizers: Taxol Treatment for Ewing Sarcoma", <u>Proc. of the 25th Int'l Symp. Control. Rel. Bioact. Mater.</u> , (1998), 236-237	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1443)

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A-PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	10/646,336
Filing Date	August 22, 2003
First Named Inventor	Uhrich, Kathryn
Group Art Unit	1615
Examiner Name	Fubara, Blessing

Sheet 6 of 7

Attorney Docket No: 1435.021US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		LONGER, MARK A., "Sustained-Release Drug Delivery Systems", <u>Remington's Pharmaceutical Sciences</u> , 18th Edition, Chapter 91, (1990),1676-1693	
		MACEDO, B , et al., "The in vivo Response to a Bioactive Biodegradable Polymer", <u>Journal of Dental Research</u> , 78, Abstract No. 2827,(1999),459	
		MACEDO, B , "the In Vivo Response to Bioactive Polyanhydride Monofilament", <u>Journal of Dental Research</u> , 79 (Abstract No. 3872), (2000),627	
		MARCH, JERRY , "Advanced organic chemistry : reactions, mechanisms, and structure", 4th Edition, New York : Wiley, (1992),419-437	
		PINTHER, P. , "Synthesis of Polyanhydrides Containing Ester Groups", <u>Die Makromolekulare Chemie, Rapid Communications</u> , 11(8), (August 1990),403-408	
		SCHACHT, E. , "Polymers for Colon Specific Drug Delivery", <u>Journal of Controlled Release</u> , 39, (1996),327-338	
		SEIDEL, J O., "Erosion of Poly(anhydride-co-imides): A Preliminary Mechanistic Study", <u>J. Appl. Polym. Sci.</u> , 62(8), (1996),1277-1283	
		SHEN, E , "Morphological Characterization of Erodible Polymer Carriers for Drug Release", <u>Proc. 26th Int'l Symp. Control. Rel. Bioact. Mater.</u> , (1999),717-718	
		SWINYARD, EWART A., "Pharmaceutical Necessities", In: <u>Remington's pharmaceutical sciences</u> by Joseph P Remington; Alfonso R Gennaro, Easton, Pa. : Mack Pub. Co., ; ISBN: 0912734043,(1990),1286-1329	
		UHRICH, K E., "Chemical Changes during in vivo degradation of poly(anhydride-imide) matrices", <u>Biomaterials</u> , 19(22), (1998),2045-2050	
		UHRICH, K E., "Degradation of poly(anhydride-co-imides): Novel Polymers for Orthopedic Applications", <u>Mat. Res. Soc. Symp. Proc.</u> , 394, (1995),41-46	
		UHRICH, K E., "In Vitro Degradation Characteristics of Poly(anhydride-imides) Containing Pyromellitylimidoalanine", <u>J. Appl. Polymer Sci., Part A, Polym. Chem.</u> , 34 (7), (1996),1261-1269	
		UHRICH, K E., "In Vitro Degradation Characteristics of Poly(anhydride-imides) Containing trimellitylimidoglycine", <u>J. Appl. Polymer. Sci.</u> , 63(11), (1997),1401-1411	
		UHRICH, K E., "Poly(anhydride-ester) Degradation: Mechanical Changes and Correlation to Antibiotic Release", <u>American Chemical Society, Abstracts of Papers, Part 2, Abstract No. 121</u> , 221st ACS National Meeting, San Diego, CA,(2001),Abstract 121	
		UHRICH, K E., "Synthesis and Characterization of Degradable poly(anhydride-co-imides)", <u>Macromolecules</u> , 28 (7), (1995),2184-2193	
		UHRICH, K E., "Synthesis and Characterization of poly(anhydride-co-imides): Solution Polycondensation of Biodegradable Polymers Derived from Amino Acids", <u>Proc. of the American Chemical Society, Division of Polymeric Materials: Science and Engineering</u> , 70, Spring Meeting, San Diego, CA,(1994),239-240	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER: Initials of examiner considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Use as many sheets as necessary.

Complete if Known

Application Number	10/646,336
Filing Date	August 22, 2003
First Named Inventor	Uhrich, Kathryn
Group Art Unit	1615
Examiner Name	Fubara, Blessing

Sheet 7 of 7

Attorney Docket No: 1435.021US2

OTHER DOCUMENTS -- NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		UHRICH, K E., "Synthesis of Aminosalicylate-based polyanhydride Prodrugs: Esters, Amides, and Azos", <u>American Chemical Society, Abstracts of Papers, Part 2, Abstract No. 407, 222nd ACS National Meeting, Chicago, IL, (2001), Abstract 407</u>	
		WOO, G L., "Biological Characterization of a Novel Biodegradable Antimicrobial Polymer Synthesized with Fluoroquinolones", <u>J Biomed Mater Res, 59(1), (January 2002), 35-45</u>	
		YAZDI, M , "Effects of non-steroidal anti-inflammatory drugs on demineralized bone-induced bone formation", <u>Journal of Periodontal Research, 27(1), (January 1992), 28-33</u>	

EXAMINER

DATE CONSIDERED

Substitute Disclosure Statement Form (PTO-1449)

* EXAMINER Initials are not considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with first communication to applicant. 1 Applicant's unique citation designation number (optional) 2 Applicant is to place a check mark here if English language Translation is attached